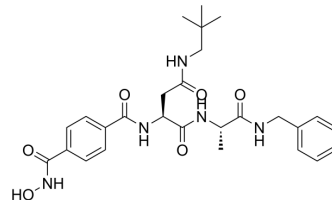


RTS-V5

Cat. No.:	HY-112908
CAS No.:	2285346-31-6
Molecular Formula:	C ₂₇ H ₃₅ N ₅ O ₆
Molecular Weight:	525.6
Target:	HDAC; Proteasome
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RTS-V5 is a dual HDAC/proteasome inhibitor with IC ₅₀ s of 6.9, 18, 15, 0.27, 0.53 μM for HDAC1, HDAC2, HDAC3, HDAC6, HDAC8, respectively.
IC ₅₀ & Target	IC ₅₀ : 6.9 nM (HDAC1), 18 nM (HDAC2), 15 nM (HDAC3), 0.27 nM (HDAC6), 0.53 nM (HDAC8) ^[1]

REFERENCES

[1]. Bhatia S, et al. Discovery of the First-in-Class Dual Histone Deacetylase-Proteasome Inhibitor. J Med Chem. 2018 Nov 21;61(22):10299-10309.

Caution: Product has not been fully validated for medical applications. For research use only.

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